

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IB 03/02401

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H01J31/12 H01J29/48 H01J3/02 H01J17/49

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H01J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 01 41176 A (MESA VISION) 7 June 2001 (2001-06-07) abstract; figure 4 ---	1-7
A	US 4 719 388 A (OESS FREDERICK G) 12 January 1988 (1988-01-12) abstract; figure 4 column 5, line 4-10 ---	1-7
A	US 5 982 086 A (VAN GORKOM GERARDUS G P ET AL) 9 November 1999 (1999-11-09) column 5, line 4 -column 6, line 4; figure 2A column 9, line 7-29 --- -/-	1-7

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

## \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

18 September 2003

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25/09/2003

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 442 253 A (VAN GORKOM GERARDUS G P ET AL) 15 August 1995 (1995-08-15) column 6, line 23 -column 7, line 16; figures 2A,4,7,12 ---	1-7
A	US 5 378 963 A (IKEDA RIKIO) 3 January 1995 (1995-01-03) column 5-6; figure 6 ---	1-7
A	US 5 729 244 A (LOCKWOOD HARRY F) 17 March 1998 (1998-03-17) abstract; figures 2,3,7 -----	1-7

## INTERNATIONAL SEARCH REPORT

Initial Application No.

PCT/IB 03/02401

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Patent document cited in search report	Publication date		Patent family member(s)	Publication date
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